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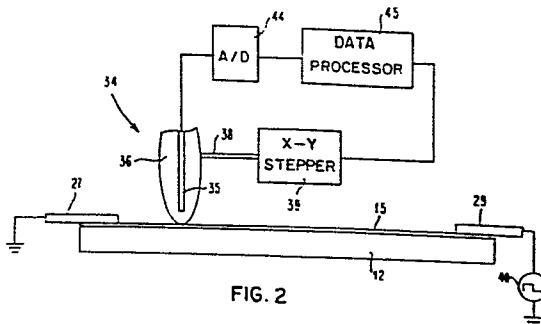
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(54) Method of trimming thin metal resistors.

(57) A thin metal film resistor (15) of a capacitive graphic tablet is trimmed to make the resistor linear within about 0.25%. Alternating voltage is applied along the resistor by a source (40). The resistance of the resistor is measured at discrete points by a capacitive probe (34) and the resistance readings are stored in a data processor (45). A profile is calculated in the processor from the stored readings and a trim operation is made by an electro-erosion apparatus.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	<p style="text-align: center;">---</p> DE-A-2 344 504 (SIEMENS A.G.) *Claim 1; page 4, paragraphs 2-3; figure 1*	1	H 01 C 17/22 G 06 K 11/06
A	<p style="text-align: center;">---</p> GB-A-1 149 775 (ASSOCIATED SEMICONDUCTOR MANUFACTURERS LTD.) *Claim 1; page 1, line 55 - page 2, line 42; figures 1,2*	1	
A	<p style="text-align: center;">---</p> IBM TECHNICAL DISLCOSURE BULLETIN, vol. 23, no. 2, July 1980, pages 666-667, New York (USA); J.F.HEVESI: "Analog data tablet". *The whole article*	1,6	
D,A	<p style="text-align: center;">---</p> US-A-4 087 625 (H.DYM et al.)		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
D,A	<p style="text-align: center;">---</p> FR-A-2 376 399 (IBM CORP.)		H 01 C G 06 K

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-02-1983	Examiner DECANNIERE L. J.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			